1. **How do you distinguish between shutil.copy() and shutil.copytree()?**

shutil.copy() – copies single file

shutil.copytree() – copy an entire folder.

1. **What function is used to rename files?**

shutil.move()

1. **What is the difference between the delete functions in the send2trash and shutil modules?**

send2trash – moves the file or folder to recycle bin

shutil functions will permanently delete the files

1. **ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is equivalent to File objects’ open() method?**

zipfile.ZipFile() is equivalent to open() method.

1. **Create a programme that searches a folder tree for files with a certain file extension (such as .pdf or .jpg). Copy these files from whatever location they are in to a new folder.**

import os, shutil

def moveFileType(folder):

for folderName, subfolders, filenames in os.walk(folder):

for subfolder in subfolders:

for filename in filenames:

if filename.endswith('.pdf'):

shutil.copy(folder + filename, "E:\folder1")

moveFileType("E:\")